

## Course Information

## Math 160, Fall 2007

**Instructor:** Dr. Julie Bergner

**Class:** MWF 1:30 pm, Cardwell 130

**Office:** Cardwell 125

**Phone:** 532-0595

**E-mail:** jbergner@math.ksu.edu

**Course Web Page:** <http://www.math.ksu.edu/~jbergner/math160.html>

**Office hours:** MWF 8-8:30 am, 2:20-3 pm

**Textbook:** *Excursions in Modern Mathematics, Sixth Edition*, by Peter Tannenbaum.

**Course Objectives:** The goal of this course is for you to gain a basic understanding of some ideas in modern mathematics. In particular, you should leave this course with a sense that mathematics is more than just working with numbers, and that it can be used in a variety of applications.

**Grades:** Grades will be based on 700 points, distributed as follows:

Three exams during semester	100 points each
Final exam	100 points
Homework	100 points
In-class activities	80 points
Note cards	40 points
Project	80 points

**Exams:** Make-up exams will only be given under extreme situations. The exams will be given under the honor code and will consist of problems similar to those on the homework and on the in-class activities. The final exam is scheduled for

Friday, December 14, 11:50 am-1:40 pm.

**Homework:** Homework assignments will be posted on the course web page. Homework will be due each Wednesday at 5 pm. You are encouraged to work together on the homework assignments, but copying directly from another student's work is not permitted. Late homework is not accepted except under extreme circumstances. For each class you will be asked to do some kind of preparation, often reading the section(s) to be covered and bringing in a **4x6** note card with the main idea of the section(s), an answer to an assigned question, and a question that you have. Each note card is worth one point.

**In-class activities:** In class each day, there will be some kind of activity to turn in. These activities are intended give you a chance to work with new concepts and methods covered that day in class. Having in-class work that is

graded will also be a means of rewarding attendance. Each activity is worth two points. Missed activities can be made up for half credit.

**Project:** About halfway through the semester, you will be asked to choose a project topic. The idea is that you will look in more depth at some concept covered in class, or some other mathematical idea that interests you. More details will be given later, but you may want to be thinking about a topic as we go along.

**Notices:** Plagiarism and cheating are serious offenses and may be punished by failure on the exam, paper, or project, failure in the course, and/or expulsion from the University.

You will be asked to sign the honor pledge on work that is to be done independently (i.e., exams). In other situations (i.e., homework) you are permitted to discuss with one another and refer to other sources, unless otherwise instructed. It is still expected that you will turn in your own work and that even when working together you do not copy from another student's work.

Any student with a disability who needs an accommodation or other assistance in this course should speak with me as soon as possible.